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PATENT  
Case SU-7245

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JONATHAN N. HOWARTH ET AL.

SERIAL NO.: 10/028,631 ✓

FILED: DECEMBER 21, 2001

MICROBIOLOGICAL CONTROL IN  
ANIMAL PROCESSING

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**SIXTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Enclosed herewith for consideration by the Examiner is a Sixth Supplemental Information Disclosure Form PTO/SB/08A. There are 6 documents listed and enclosed.

Respectfully Submitted,

R. Andrew Patty II  
Reg. No. 38,992  
Attorney of Record

Telephone: (225) 291-4600  
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**CERTIFICATE OF MAILING**

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited on the date shown below with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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PTO/SB/08B (08-03)  
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|   |   |                          |                     |
|---|---|--------------------------|---------------------|
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br>Sixth Supplemental<br>(use as many sheets as necessary) |   | <b>Complete if Known</b> |                     |
|   |   | Application Number       | 10/028,631          |
|   |   | Filing Date              | December 21, 2001   |
|   |   | First Named Inventor     | Jonathan N. Howarth |
|   |   | Group Art Unit           | —                   |
|   |   | Examiner Name            | —                   |
|   |   | Attorney Docket Number   | SU-7245             |
| Sheet   | 1 | of                       | 1                   |

| NON PATENT LITERATURE DOCUMENTS |                          |  |                |
|---------------------------------|--------------------------|--|----------------|
| Examiner<br>Initials*           | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.  | T <sup>2</sup> |
|                                 | L-51                     | C.J. Nalepa, "New Bromine-Releasing Granules for Microbiological Control of Cooling Water," paper 03716 (Corrosion 2003 Houston, TX: NACE International, 2003), ppg 03716/1-03716/15.  |                |
|                                 | L-52                     | Howarth, J.N., et al. "A New, Bromine-Releasing Solid for Microbiological Control of Cooling Water", IWC-01-05, (Pittsburgh, PA: Engineers' Society of Western Pennsylvania, 2001), ppg 1-7.   |                |
|                                 | L-53                     | C.J. Nalepa, et al., "Strategies for Effective Control of Surface-Associated Microorganisms: A Literature Perspective," IWC-02-01 (Pittsburgh, PA: Engineers' Society of Western Pennsylvania, 2002), 19 pages.  |                |
|                                 | L-54                     | C.J. Nalepa, et al., "The Control of Bacteria on Surfaces: Effectiveness of Bromine-Based Biocides towards Microbial Biofilms and Biofilm-Associated <i>Legionella pneumophila</i> ," paper TP02-13 (Houston, TX: Cooling Technology Institute, 2002), 22 pages. |                |
|                                 | L-55                     | C.J. Nalepa, J.N. Howarth, and F.D. Azarnia, "Factors to Consider When Applying Oxidizing Biocides in the Field," paper 02223 (Houston, TX: NACE International, 2002), 20 pages.   |                |
|                                 | L-56                     | C.J. Nalepa, "25 Years of Bromine Chemistry in Industrial Water Systems: A Review", Corrosion 2004, paper 04087 (Houston, TX, NACE International 2004), 30 pages.  |                |
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|                       |                    |
|-----------------------|--------------------|
| Examiner<br>Signature | Date<br>Considered |
|-----------------------|--------------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (11-04)

Approved for use through 07/31/2006. OMB 0651-0032

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Effective 10/01/2004 Patent fees are subject to annual revision.

**FEE TRANSMITTAL**  
**For FY 2005**☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 180.00)

**Complete if Known**

|                      |                     |
|----------------------|---------------------|
| Application Number   | 10/028,631          |
| Filing Date          | December 21, 2001   |
| First Named Inventor | Jonathan N. Howarth |
| Examiner Name        | Neil S. Levy        |
| Art Unit             | 1616                |
| Attorney Docket No.  | SU-7245             |

**METHOD OF PAYMENT** (check all that apply)☐ Check ☐ Credit Card ☐ Money Order☒ Deposit Account ☐ NoneDeposit  
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Sieberth &amp; Patty, L.L.C.

The Director is hereby authorized to: (check all that apply)

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**FEE CALCULATION****1. BASIC FILING FEE**

| Fee Description        | Fee (\$) | Small Entity Fee (\$) | Fee Paid (\$) |
|------------------------|----------|-----------------------|---------------|
| Utility Filing Fee     | 790      | 395                   |               |
| Design Filing Fee      | 350      | 175                   |               |
| Plant Filing Fee       | 550      | 275                   |               |
| Reissue Filing Fee     | 790      | 395                   |               |
| Provisional Filing Fee | 160      | 80                    |               |

Subtotal (1) \$

**FEE CALCULATION** (continued)**2. EXTRA CLAIM FEES**

| Fee Description   | Fee (\$) | Small Entity Fee (\$) |
|---|----------|-----------------------|
| Each claim over 20  | 18       | 9                     |
| Each independent claim over 3   | 88       | 44                    |
| Multiple dependent claims   | 300      | 150                   |
| For Reissues, each claim over 20 and more than in the original patent | 18       | 9                     |
| For Reissues, each independent claim more than in the original patent | 88       | 44                    |

| Total Claims | Extra Claims | Fee (\$) | Fee Paid (\$) |
|--------------|--------------|----------|---------------|
|--------------|--------------|----------|---------------|

- 20 or HP =        x        =       

HP = highest number of total claims paid for, if greater than 20

| Indep. Claims | Extra Claims | Fee (\$) | Fee Paid (\$) |
|---------------|--------------|----------|---------------|
|---------------|--------------|----------|---------------|

- 3 or HP =        x        =       

HP = highest number of independent claims paid for, if greater than 3

| Multiple Dependent Claims | Fee (\$) | Fee Paid (\$) |
|---------------------------|----------|---------------|
|---------------------------|----------|---------------|

Subtotal (2) \$

**3. OTHER FEES**

| Fee Description                     | Fee (\$) | Small Entity Fee (\$) | Fee Paid (\$) |
|-------------------------------------|----------|-----------------------|---------------|
| 1-month extension of time           | 110      | 55                    |               |
| 2-month extension of time           | 430      | 215                   |               |
| 3-month extension of time           | 980      | 490                   |               |
| 4-month extension of time           | 1,530    | 765                   |               |
| 5-month extension of time           | 2,080    | 1,040                 |               |
| Information disclosure stmt. fee    | 180      | 180                   | 180.00        |
| 37 CFR 1.17(q) processing fee       | 50       | 50                    |               |
| Non-English specification           | 130      | 130                   |               |
| Notice of Appeal                    | 340      | 170                   |               |
| Filing a brief in support of appeal | 340      | 170                   |               |
| Request for oral hearing            | 300      | 150                   |               |
| Other:                              |          |                       |               |

Subtotal (3) \$ 180.00

**SUBMITTED BY**

Signature

*R. Andrew Patty II*Registration No.  
(Attorney/Agent)

38,992

Telephone

225/291-4600

Name (Print/Type)

R. Andrew Patty II

Date

Nov. 30, 2004

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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